

Public Water System, Certified Water Operators and Environmental Laboratories

COVID-19

Webinar # 2021-16

DRINKING WATER SECTION

Lori Mathieu

Environmental Health & Drinking Water Branch Chief

November 4, 2021

(1:00 PM – 2:00 PM)

CONNECTICUT DEPARTMENT *of* PUBLIC HEALTH



AGENDA



**DRINKING WATER
SECTION**

Webinar # 2021- 16
WEBINAR SERIES

Water Utilities

Certified Water
Operators

Environmental
Laboratories

11/04/2021

- **Update from DPH COVID19**
- **DWS on Recent Developments**
- **Update from CTWC, Aquarion, RWA & MDC**
- **Update from other Municipal Water Systems**
- **Questions ?**





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DPH/DWS Updates

- **COVID19 – Updates**
- **DWS Circular Letters**
- **Cyber Security Updates**
- **Contaminants and Drinking Water Quality**
- **Lead and Copper Rule Revision updates**
- **Operators Certifications updates**
- **Environmental Labs Certification Program**
- **Drought Status**
- **DWSRF updates**
- **Drinking Water Infrastructure Needs Survey and Assessment**
- **WUCC Implementation**





COVID -19 Updates



• **legislative Updates**

Gov. Ned Lamont’s emergency powers extended through September

The General Assembly voted for a 44-word resolution extending Gov. Ned Lamont’s emergency powers through Sept. 30, making Connecticut among the last in the northeast under a COVID-19 state of emergency.

• **Executive Orders**

• **Executive Order No. 13E** (09/03/2021)

-Establishment of temporary nurse aide program.

• **Executive Order No. 13F** (09/03/2021)

-Modification of deadline for long-term care facility staff to receive vaccinations.

• **Executive Order No. 13G** (09/10/2021)

- Replaces and clarifies Executive Order No. 13D on COVID-19 vaccination requirements for state employees, school employees, and childcare facility staff.

• **Executive Order No. 14** (09/28/2021)

-Extends the duration of nine previously issued executive orders to February 15, 2022; Extends the duration of agency or municipal orders that were issued pursuant to any unexpired COVID-19 order; and Repeals, renews, and revises Executive Order No. 11D Sections 2 and 3 concerning the emergency procurement of essential goods and services.

• **Executive Order No. 14A** (09/30/2021)

- Revised version of Executive Order No. 14.

• **Updated Guidance sent on 09/27/2021 for the Operation of Interscholastic, Youth and other Amateur Sport Activities during the COVID-19 Pandemic** 

• **COVID-19 vaccine eligibility:**

- All individuals who are 12 years of age or older and live, work, or attend school in Connecticut are eligible to receive the COVID-19 vaccine.
- For more information on vaccinations and to learn how to get the vaccine, visit ct.gov/covidvaccine

No Updates





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DWS Circular Letters

DWS Circular Letter #2021-82

Sent on October 22, 2021

24-Hour Notification Requirement for Test Results Showing Contaminants

.....

DWS Circular Letter #2021-83

Sent on October 7, 2021

Bulk Water Hauling Requirements Reminder

.....

DWS Circular Letter #2021-84

Sent on October 14, 2021

Tenant Notification Requirement





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DWS Circular Letters

DWS Circular Letter #2021-86

Sent on October 15, 2021

24-Hour Notification Requirement for Test Results Showing Contaminants

.....

DWS Circular Letter #2021-87

Sent on October 19, 2021

Bottled Water Sources to Sample for Unregulated Contaminants

.....

DWS Circular Letter #2021-88

Sent on October 19, 2021

**Important Survey - Supply Shortage in Water Treatment
Chemical and Water System Components**





Cyber Security Updates



**SUPERCHARGE
YOUR SECURITY**

In support of its mission to identify threats to the water sector, WaterISAC is asking utilities to respond to its survey asking about physical and cyber incidents and suspicious activities they've experienced in the past quarter, from July 1 to September 30, 2021. WaterISAC will aggregate, make confidential*, and share with members and partners the information collected from the survey in its next *Quarterly Water Sector Incident Summary* report. *The response deadline has been extended to **Friday, November 5, 2021 (Tomorrow)**.*

Take the Survey





Cyber Security Contacts

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Cybersecurity and Infrastructure Security Agency
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Mobile# (202) 839-1429

Ron Ford

Cybersecurity Advisor | Region 1 - New England (CT, ME, MA, NH, VT) |
Cybersecurity and Infrastructure Security Agency | U.S. Department of Homeland Security

Email: Ron.Ford@cisa.dhs.gov | Phone# (978) 778-8390

Report a Cyber Issue: <https://us-cert.cisa.gov/report> or (888) 282-0870

CISA Cyber: <https://www.cisa.gov/cybersecurity>

CISA Resources Hub: <https://www.cisa.gov/cyber-essentials>





Contaminants and Drinking Water Quality

On 10/18/21 EPA released its PFAS Strategic Roadmap

- **EPA is taking a “whole-of-agency” approach to addressing PFAS contamination**
 - Prevent new PFAS contamination from entering the environment
 - Clean up downstream impacts including contaminated drinking water and other exposure pathways
 - Hold polluters accountable
- **EPA’s decision-making process will be grounded in scientific evidence and analysis**
- **EPA has set goals for achieving milestones**
 - Regulating PFOA and PFOS in drinking water
 - Finalizing rules for data gathering
 - Publishing toxicity assessments and health advisories for more PFAS (GenX published on 10/25/21)
- **EPA is focused on addressing PFAS impacts to disadvantaged communities on multiple levels**
 - Provide culturally appropriate information and accommodations for people with limited English language proficiency
 - Work to better understand PFAS exposure pathways in disadvantaged communities
- **Most proposed actions will require allocations from congress to implement**

Any questions, please contact:

Pat Bisacky || Email: patricia.bisacky@ct.gov





Lead and Copper Rule Revision (LCRR)

- **Effective date:** December 16, 2021
- **Compliance date:** October 16, 2024

💧 EPA's Lead Service Line Replacement webpage

<https://www.epa.gov/ground-water-and-drinking-water/lead-service-line-replacement>

Funding sources:

- 💧 EPA's DWSRF
- 💧 HUD's Community Development Block Grants
- 💧 WIIN Grant
- 💧 WIFIA financing program
- 💧 and more...

Any questions, please contact: **Cindy Sek** || Email: cindy.sek@ct.gov





Environmental Labs Certification Program

Public Act Circular Letters

Circular Letter 2021-82 Revised Contaminant Notification

- Regarding 24-hour notification requirements for test results showing contaminants.
 - Section 88 Public Act 21-121 effective October 1st, 2021
 - Contaminants are referring to lead, E.coli, nitrate and nitrite

Circular Letter 2021-84 Tenant Notification

- Regarding tenant notification requirement
 - Section 7 Public Act 21-121 effective October 1st, 2021
- Requires owners of any residential or commercial property to notify each tenant if the water exceeds a MCL

<https://www.cga.ct.gov/2021/ACT/PA/PDF/2021PA-00121-R00HB-06666-PA.PDF>

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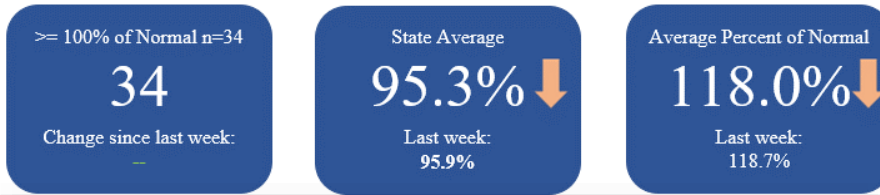
Environmental Laboratories

11/04/2021

Tracking per State Drought Plan

<https://www.drought.gov/drought-status-updates/drought-early-warning-update-northeast-15>

Statewide:



Northeast DEWS Dashboard

Drought Status Update
October 28, 2021 - There were no changes in New York and New England this week, with just enough precipitation to keep conditions from deteriorating but not enough for improvement. The U.S. Drought Monitor released on October 28 showed 2% of the Northeast DEWS in severe drought, 3% in moderate drought, and 15% as abnormally dry, the same as last week. [Drought Early Warning Update.](#)

US Drought Monitor (updated weekly)

U.S. Drought Monitor Connecticut
November 2, 2021
(Revised Thursday, Nov. 4, 2021
Wed 8 a.m. EDT)

Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

Author:
Adam Marshall
NOAA/NWS/USDR/CDC

USDA **NWS** **USDR** **CDC**

droughtmonitor.unl.edu

U.S. Drought Monitor Class Change - Connecticut
1 Week

Legend:
D4 Exceptional Drought
D3 Extreme Drought
D2 Severe Drought
D1 Moderate Drought
D0 Abnormally Dry
None
No Change
1 Class Improvement
2 Class Improvement
3 Class Improvement
4 Class Improvement

November 2, 2021 compared to October 26, 2021

droughtmonitor.unl.edu

DROUGHT STATUS UPDATE
October 7, 2021

DROUGHT EARLY WARNING UPDATE FOR THE NORTHEAST

DEWS Regions: Northeast
States: Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont
Update Status: Monitoring continues, but this will be the last regional drought update for 2021 unless conditions change significantly.

Drought Conditions Improve in Northern New York and New England with the Hopes That Winter Snows Can Replenish Aquifers.

Key Points

- Severe Drought (D2) held fast in northern Maine.
- Moderate Drought (D1) and Abnormally Dry (D0) conditions surrounded the area of D2 in northern Maine, and held fast in portions of northern Vermont and New Hampshire.
- Abnormally Dry (D0) conditions remained for a few counties in northern New York along the St. Lawrence River.
- With recent rains, conditions improved on Cape Cod.

U.S. Drought Monitor Conditions: Northeast | October 5, 2021

U.S. Drought Monitor
Current U.S. Drought Monitor map for the Northeast Drought Early Warning System with data valid for October 5. The U.S. Drought Monitor is updated each Thursday to show the location and intensity of drought across the country.

According to the latest U.S. Drought Monitor:

- Severe drought (D2) exists in 1.4% of the region.
- Moderate drought (D1) conditions exist in 3.9% of the region.
- Abnormally dry (D0) conditions exist in 12.2% of the region.

U.S. Drought Monitor Categories

- D0: Abnormally Dry
- D1: Moderate Drought
- D2: Severe Drought
- D3: Extreme Drought
- D4: Exceptional Drought

Source: NOAA, USDA
Last Updated: 10/05/21

<http://nedews.nrcc.cornell.edu/>

Any questions, please contact: **Steven Harkey** || Email: Steven.Harkey@ct.gov





DWSRF Update

- **SFY 2022 Intended Use Plan is expected to be finalized shortly**
- **The Infrastructure Investment and Jobs Act (IIJA) passed through the Senate in August and is currently with the House of Representatives for a vote. Current national DWSRF provisions include:**
 - \$11.7 billion over the next 5 years for any eligible DWSRF project
 - \$15 billion for lead service line replacements
 - \$4 billion for emerging contaminants with a focus of PFAS/PFOA
 - Reauthorization of annual appropriations for the DWSRF at levels between \$2.4 - \$3.25 billion annually from 2022 – 2025 (4 years)
- **Build America Buy America Act (BABAA) will significantly expand the current American Iron and Steel (AIS) provisions to cover additional “manufactured products”. Requirements kick in 180 days after passage.**



Drinking Water Needs Survey and Assessment (DWINSA)

- **The DWINSA determines:**
 - 20-year capital need for drinking water infrastructure investment (nationally & for CT)
 - Results determine Connecticut's DWSRF funding amount
 - More documented need = more \$\$\$ in the DWSRF – which would increase funding for loans, subsidy, funding that support staff providing technical assistance to pws' & certified operators, contracts for technical assistance providers etc.
- **23 PWS' are included in the current DWINSA**
- **Coming to a close **December 10, 2021****
- **Thank you for your continued support and participation!**



WUCC Implementation

Water Utility Coordinating Committee Implementation Meeting

November 17, 2021, 1:00-3:00

Location: **Virtual via Microsoft Teams**
Join on your computer or mobile app

[Click here to join the meeting](#)

or email dph.wucc@ct.gov for assistance

- **Discussion Topics:**

- Interconnection Roadmap/Permitting Implications
- Engaging/Educating Municipalities: Development Check List, WUCC Pathway
- Conservation / Drought
- Facilitating Water Main Extensions to Serve Developments
- Small Water System/Non-Community Standards

- All are welcome to join the discussion!





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Showcasing Leading Practices in Climate Adaptation

This webinar series, sponsored jointly by NOAA's Adaptation Sciences Program, WUCA, WRF, and EPA, will explore practical lessons and leading practices focused on steps to mainstreaming climate science and adaptation considerations into building for climate resilience.



Session Information November 2021 - February 2022	Date	Registration Link
Session 1: Leading Practices in Climate Adaptation	11/04/2021 2-3:00 pm EDT	Register Here
Session 2: Climate Adaptation Engineering Case Studies	11/18/2021 1-2:00 pm EST	Register Here
Session 3: Business Function Mapping	12/02/2021 2-3:00 pm EST	Register Here
Session 4: Equity and Environmental Justice Considerations in Climate Adaptation	12/09/2021 1-2:30 pm EST	Register Here
Session 5: Green Stormwater Infrastructure	01/06/2022 1-2:30 pm EDT	Register Here
Session 6: Greenhouse Gas and Energy	01/20/2022 1-2:00 pm EDT	Register Here
Session 7: Climate Warming and Impacts to Staff and Assets	02/03/2022 1-3:00 pm EST	Register Here
Session 8: Federal and Other Funding for Adaptation	02/17/2022 1-2:00 pm EST	Register Here

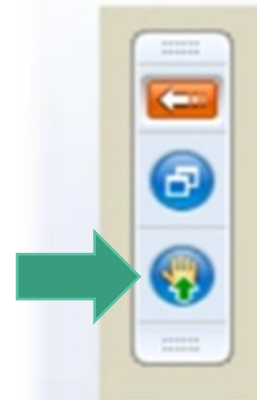


UPDATES

- PURA
- CTWC
- Aquarion
- RWA
- MDC
- Others (Torrington, Bristol, etc..)

Requesting to raise your hand from GotoWebinar Control Panel

Grab Tab



- Click **arrow** to expand and collapse control panel
- Click **hand icon** to raise/lower hand





Suggestions

- Next webinar is on Thursday January 13, 2022 at 1 pm.

January 13, 2022
1 PM – 2 PM

- Email questions/notifications about water quality testing and monitoring to dwdcompliance@ct.gov
- Emergency notifications, may call 860-692-2333 and email to dwdcompliance@ct.gov

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Thank You

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Webinar 2021-16**



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